Contents Volume 44

No. . 1

Instructions to Authors v

M.P. Selvam, R.E. Mayner, S.M. Buck and J.S. Epstein (USA)
A novel, sensitive radioimmunoprecipitation assay for the detection of antibodies to human immunodeficiency virus-type 2 1
J.J. Gray, B.J. Cohen and U. Desselberger (UK)
Detection of human parvovirus B19-specific IgM and IgG antibodies using a recombinant viral VP1 antigen expressed in insect cells and estimation of time of infection by testing for antibody avidity 11
N. Kobayashi, K. Taniguchi, T. Urasawa and S. Urasawa (Japan)
Efficient production of antigenic mosaic reassortants of rotavirus with the aid of anti-VP4 and anti-VP7 neutralizing monoclonal antibodies 25
M.A. Zuckerman, P. Levantis and J.S. Oxford (UK)
Direct sequence determination of the influenza B HA-1 gene after PCR amplification of clinical specimens from an infected volunteer 35
D. Zipeto, F. Baldanti, D. Zella, M. Furione, A. Cavicchini, G. Milanesi and G. Gerna (Italy)
Quantification of human cytomegalovirus DNA in peripheral blood polymorphonuclear leukocytes 45
P. Tilston and G. Corbitt (UK)
Detection of hepatitis C virus RNA in serum, by combining reverse transcription and polymerase chain reaction in one tube 57
J.A. King and J.K. Ball (UK)
Detection of HIV-1 by digoxigenin-labelled PCR and microtitre plate solution hybridisation assay and prevention of PCR cary-over by uracil-*N*-glycosylase 67
Y. Lou, H. Qin, E. Molodysky and B.J. Morris (Australia)
Simple microwave and thermal cycler boiling methods for preparation of cervicovaginal lavage cell samples prior to PCR for human papillomavirus detection 77
T.Ø. Jonassen, E. Kjeldsberg and B. Grinde (Norway)
Detection of human astrovirus serotype 1 by the polymerase chain reaction 83
W.J. Kaupp and P.M. Ebling (Canada)
Horseradish peroxidase-labelled probes and enhanced chemiluminescence to detect baculoviruses in gypsy moth and eastern spruce budworm larvae 89
A. Saalmüller and T.C. Mettenleiter (Germany)
Rapid identification and quantitation of cells infected by recombinant herpesvirus (pseudorabies virus) using a fluorescence-based β-galactosidase assay and flow cytometry 99
J.T. Nakashima, L.F. Salazar and K.R. Wood (Peru, UK)
Sweet potato feathery mottle potyvirus (C1 isolate) virion and RNA purification 109
Y. Wannemuehler, J. Isaacson, M. Wannemuehler, C. Wood, J.A. Roth and S. Carpenter (USA)
In vitro detection of bovine immunodeficiency-like virus using monoclonal antibodies generated to a recombinant *gag* fusion protein 117
M. Wiedmann, R. Brandon, P. Wagner, E.J. Dubovi and C.A. Batt (USA)
Detection of bovine herpesvirus-1 in bovine semen by a nested PCR assay 129

Nos. 2,3

T. Hironaka, M. Nagasaki, S. Morikawa and K. Hirai (Japan)
Detection of Epstein-Barr virus transcripts in chemically or immunologically-activated cells and in a null cell-line (HLN-STL-C) by in situ hybridization with alkaline phosphatase-linked oligonucleotide probes 141

E.L. Durigon, D.D. Erdman, G.W. Gary, M.A. Pallansch, T.J. Torok and L.J. Anderson (USA, Brazil)
Multiple primer pairs for polymerase chain reaction (PCR) amplification of human parvovirus B19 DNA 155
S.K. Reddy, M.J.H. Ratcliffe and A. Silim (Canada)
Flow cytometric analysis of the neutralizing immune response against infectious bursal disease virus using reticuloendotheliosis virus-transformed lymphoblastoid cell lines 167
L. Fulop, A.D.T. Barrett, R. Phillpotts, K. Martin, D. Leslie and R.W. Titball (UK)
Rapid identification of flaviviruses based on conserved NS5 gene sequences 179
K. Suzuki, B.P. Craddock, N. Okamoto, T. Kano and R.T. Steigbigel (USA)
Poly A-linked colorimetric microtiter plate assay for HIV reverse transcriptase 189
P. Beauverger, R. Buckland and F. Wild (France)
Establishment and characterisation of murine cells constitutively expressing the fusion, nucleoprotein and matrix proteins of measles virus 199
S.D. Wyatt, K. Druffel and P.H. Berger (USA)
In vitro destabilization of plant viruses and cDNA synthesis 211
C. Carrière, P. Boulanger and C. Delsert (France)
Rapid and sensitive method for the detection of B19 virus DNA using the polymerase chain reaction with nested primers 221
J. Campbell, L. Iacono-Connors, S. Walz and W. Schultz (USA)
The Langat model for tick-borne encephalitis virus. Specific detection by RT-PCR 235
S.D. Blacksell and R.A.. Lunt (Australia)
Serotype indentification of Australian bluetongue viruses using a rapid fluorescence inhibition test 241
B. Weber, G. Hess, R. Koberstein and H.W. Doerr (Germany)
Evaluation of the automated 'Enzymen-Test Anti HIV-1 + 2' and 'Enzymen-Test Anti HIV-1/2 selective' for the combined detection and differentiation of anti-HIV-1 and anti-HIV-2 antibodies 251
A. Tenorio, J.E. Echevarría, I. Casas, J.M. Echevarría and E. Tabarés (Spain)
Detection and typing of human herpesviruses by multiplex polymerase chain reaction 261
R. Roosendaal, G.J. van Kamp, C. Mulder, J. Calliauw, J. Kempers, M. Dirks, E.C. Wolters and R.W. ten Kate (The Netherlands)
Microtiter enzyme-linked immunosorbent assay using recombinant derived antigens versus Western blot in the confirmation of presence of antibodies against the human immunodeficiency virus type 1 271
G.M.M. Arita, M.S.V. Gatti, J.G. Deak and A.F. Pestana de Castro (Brazil)
Bluetongue virus: production and study of viral antigen for serological diagnosis 281
S. Gregory, R. Collman, W. James, S. Gordon, F. Gonzalez-Scarano and N. Nathanson (USA, UK)
HIV-1 pseudotype virus containing a Cocal virus genome and an HIV envelope: construction, assay and use 287
M. Gillings, P. Broadbent, J. Indsto and R. Lee (Australia, USA)
Characterisation of isolates and strains of citrus tristeza closterovirus using restriction analysis of the coat protein gene amplified by the polymerase chain reaction 305
C.A. Kraaijeveld, T.A.M. Oosterlaken, F. Vlaspolder, P.W. van Dijk, M. Harmsen, I.M. Fernández, B.J. Benaissa-Trouw and H. Snippe (The Netherlands)
Detection of a shared idiotope on two encephalomyocarditis virus neutralizing monoclonal antibodies by neutralization inhibition enzyme immunoassay 319
I. Vassias, S. Perol, L. Coulombel, M.-C. Thebault, P.H. Lagrange and F. Morinet (France)
An in situ hybridization technique for the study of B19 human parvovirus replication in bone marrow cell cultures 329

Contents of Volume 44 339

Author index 341

Subject index 345